



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applican	it: Hettin	ger	:
Serial No	o. 09/480	),584	: Group Art Unit: 3744
Filed: Ja	nuary 10	, 2000	Examiner: Not Assigned
	NDENSI SHIELD	ER FAN MOTOR DUST	: : : : : : : : : : : : : : : : : : :
			1 certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on
		INFORMATION	N DISCLOSURE STATEMENT
1.	[ ]	Pursuant to 37 CFR 1.97(b) [within 3 months of filing or price	or to 1st Office Action]  R 1.97(c) Illowance]  R 1.97(c) Illowance]  R Fee Payment Pursuant to 37 CFR 1.97 (d)
2.	[ ]	Certification Pursuant to 37 CFR [before Final Office Action or A	1.97(c)   Ilowance] RECT 1.8 (UMER RESTA
3.	[ ✓ ]	Fee Payment Pursuant to 37 CFI [before Final Office Action or A	R 1.97(c) [Howance]
4.	[ ]	Petition, Certification & Petition [before Issue Fee payment]	Fee Payment Pursuant to 37 CFR 1.97 (d)
	ommissio gton, D.C	ner for Patents C. 2023 I	
Sir:			
The foll	lowing ar	e submitted in the above identifie	ed application in compliance with 37 CFR 1.97 & 1.98:
5.		A list of documents on form PT translation or a concise explana	O-1449 together with copies of each identified document and a tion of each non-English language document is enclosed herewith.
This Pa	per is sut	omitted in accordance with:	
6.		37 CFR 1.97(b): [within 3 mont	hs of filing or prior to 1st Office Action]
7.	<u>✓</u>	37 CFR 1.97(c): [before Final C	Office Action or Allowance, whichever is earlier]; and
	8.	The required certificat	ion made in item 11 below; or

	9.	✓.	The \$180 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 14 below.
10.	_	37 CFR	1.97(d): [before issue fee payment]; and
	_	a)	This is a petition for consideration of the subject Information Disclosure Statement. The petition fee (\$130.00) required by 37 CFR 1.17(i)(1) is authorized in item 14 below. (Direct this letter to: "Attention GROUP DIRECTOR, and if applicable include batch locator information: e.g., "Allowed Files, Batch, Date of Allowance "), and
	_	b)	The required Certification is stated in item 11 below.
11.		Certific	cation
	12.		Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
	13.	<del>-</del>	No item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
14.	<u> </u>	Please Statem enclos	charge all applicable fees associated with the submittal of this Information Disclosure nent to Deposit Account No. 01-2384. An original and two copies of this document is ed.

Respectfully submitted,

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Substitute	substitute for form 1449A/PTO			Application Number	09/480,584			
•			DISCLOSURE	Filing Date	January 10, 2000			
	STATEME	NT BY	APPLICANT	First Named Inventor	Hettinger			
	(use as m	any sheets	as necessary)	Group Art Unit	3744			
				Examiner Name				
Sheet	1	01	f 1	Attorney Docket Number	9D-HR-19167			

			U.S. PATENT DOCUMEN	TS	
Examiner Initials*	Cite No.	U.S. Patent Document  Kind Code Number (if know		Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	669,577	Eck	3/12/1901	
	AB	2,743,385	Potter	4/24/56	
	AC	3,121,179	Macks	2/11/64	
	AD	3,544,820	Wightman	12/1/70	
	AE	3,699,368	Palmer	10/17/72	
	AF	3,731,126	Hagenlocher et al.	5/1/73	
	AG	3,846,652	Lykes	11/5/74	
	AH	3,885,176	Cunningham	5/20/75	
	AI	4,061,002	Drews	12/6/77	
	AJ	4,287,662	Otto	9/8/81	
	AK	4,574,212	Haijkens	3/4/86	
	AL	4,680,495	Chiampas et al.	7/14/87	
	AM	4,841,187	Hauke et al.	6/20/89	
	AN	4,939,397	Morrill	7/3/90	an cur
	AO	5,045,736	Amano et al.	9/3/91	C) nor sale
· · · · ·	AP	5,099,781	Frank	3/31/92	CV
	AQ	5,111,093	Tanaka	5/5/92	
	AR	5,311,090	Ferlatte	5/10/94	Children Children
	AS	5,313,125	Bosman et al.	5/17/94	College College
	AT	5,619,082	Choi	4/8/97	
<del>                                     </del>	AU	5,711,159	Whipple III	1/27/98	

				FC	DREIGN PATENT DOCU	MENTS		
	Tai	1	Foreign Patent Do	ocument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant Passages	Το
Examiner Initials*	Cite No. <sup>1</sup>	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	or Relevant Figures Appear	Ľ
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
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Examiner Signature	1	Date Considered:	

<sup>&</sup>quot;EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 See Attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WSIPO Standard ST.3). 4 For Japanese patent document: the indication of the year of the reign of the Emperor must preceded the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 4 Applicant is to place a check mark here if English language Translation is attached.